

XT500 Large Diameter 3-point Bore Gauge

The **Bowers XT500** large diameter 3-point bore-gauge has been designed specifically for the measurement of internal diameters between 300 and 500mm. The newly designed constant-force digital readout ensures that the measuring pressure remains constant throughout the measurement whilst radiussed measuring anvils provide optimum centralisation in the part. Anvil sets are supplied in 25mm steps (300-325, 325-350 etc) and each set has been manufactured to the exact toleranced size. The 300-325mm anvils are the master reference set and are used for setting the gauge in the setting ring. The other anvil sets are then fitted as required without further re-setting. This means that only one 300mm setting ring is required to set the gauge for all diameters in the full 300-500mm range of the instrument.

WiFi
see p249 for wireless options

RS232

Features

- Measuring range: 300-500mm
- New constant-force digital readout
- Single 300mm setting ring covers full range
- Radiussed anvils of tool-steel for optimum centering
- Accuracy: 15µm
- Repeatability: 3µm
- IP65 electronics
- RS232 output
- Resolution 0.01/0.001mm. Metric/inch switchable
- Fast accurate measurement
- Extensions available for deeper bores
- UKAS certificate with setting ring
- Certificate of conformity with bore gauge
- Supplied in fitted case



The Bowers XT500 with extension for deeper bores

INDIVIDUAL INSTRUMENTS: Supplied with digital display unit, measuring head with interchangeable anvils and setting ring with UKAS certificate

Code No	Range (mm)	Accuracy	Depth (mm)	Setting Ring (mm)	Sets of Anvils
SXT3000M	300-400	15 µm	120	300	4
SXT5000M	300-500	15 µm	120	300	8

DATA TRANSMISSION

Code No	Description
30-905-4516	Serial Data Output Cable
30-926-6821	USB Data Output Cable
25-604-013	Wireless Powered Opto Module